10/577377

IAP12 Rec'd PCT/PTO 28 APR 2006

PTO/SB/08a (08-03) Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required nd to a collection of information unless it contains a valid OMB control number Complete if Known

Substitute for form 1449A/PTO Application Number 10/577377 Filing Date INFORMATION DISCLOSURE First Named Inventor KATSOULIS STATEMENT BY APPLICANT Art Unit 1791

Examiner Name Saeed M. Huda (Use as many sheets as necessar) Sheet 1 Attorney Docket Number DC5184 PCT1

			U. S. PATENT		
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (Fixour)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Peges, Columns, Lines, Where Relevant Pessages or Relevent Figures Appear
		US- 3,419,593	12/31/1968	Willing, David N.	
		US- 5,747,608	05/05/1998	Katsoulis, et. al.	
		US- 5,830,950	11/03/1998	Katsoulis, et. al.	
		US- 6,310,146 B1	10/30/2001	Katsoulis, et. al.	
-		US-			
	-	US-			
		U\$			
		US-			
-		US-			
		US-		1	_
		US-			
		US-			
		US-			

Examiner Initials*	Cite	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	No.	Country Code ³ Number ⁴ 'Kind Code ³ (if known)	MM-DD-YYYY		
-	-				

*EXAMINER: Initial if reference considered, whether or not chation is in conformance with MPEP 609. Draw line through citation if not in conformance and no considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document, 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible, 6 Applicant is to place a check mark here if English language

Translation is attached. Infrastiation is attached.

If this collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USFPTO by process) an application. Confidentially is governed by 35 U.SC. 122 and 37 CFR 1.4. This collection is estimated to take 2 hours to complete, including galleriety, preparing, and submitting the completed application from to the USFPTO. Time why depending upon the individual case. Any comments on the amount of time you require to complete this form ander suspensions for reducing this burden, should be sent to the Chief information Officer, U.S. Patent and Teledaman Collice, U.S. Department of Commerce, P.O. Box 1450, Alexandria, V.A. 22313.14.00, ONT SEND FEES OR COMPLETED FORMS TO THIS

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

10/577377 IAP12 Rec'd PCT/PTO 28 APR 2006

Approved for use through 06/30/2006, OMB 0851-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO					Complete if Known		
					Application Number	10/577377	
	INFO	RMATION DIS	CLC	SURE	Filing Date		
	STATEMENT BY APPLICANT			ICANT	First Named Inventor	KATSOULIS	
					Art Unit	1791	
(Use as many shoets as necessary)					Examiner Name	Saeed M. Huda	
$\overline{}$	Sheet	2	of	2	Attorney Docket Number	DC5184 PCT1	

	NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), liste of the article (when appropriate), liste of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²			
		JP 11-059094, Published 03-02-1999, Patent Abstracts of Japan.				
		JP 06-210740, Published 08-02-1994, Patent Abstracts of Japan.				
		JP 05-338091, Published 12-21-1993, Patent Abstracts of Japan.				
		American Vacuum Society, "Embossing of polymers using a thermosetting polymer mold made by soft lithography," Rubo Xing, Zhe Wange and Yanchun Han, Jul/Aug 2003, pg. 1318-1322.				
		Optical Fiber and Planar Waveguide Technology II, "High Performance Polymer Waveguide Devices via Low Cost Direct Photolithography Process," J.Wang, P.Shustack, S.Gamer, Vol. 4904, 2002, pg. 129-138.				
		The Royal Society of Chemistry, "Microfulidic devices fabricated in poly(methyl methacrylate) using hotembossing", S. Qi, et. al., Lab Chip 2002, vol. 2, pg. 88-95.				
·····		Lithographic and Micromaching Techniques, "Fabrication of Diffractive Optical Elements on Si Chip by an Imprint Lithography using Non-Symmetrical Silicon Mold," Hirai, et. al., vol. 4440, 2001, pg. 228-237.				
1		Emerging Lithographic Technologies VI. "Performance of 4" Wafer-Scale Thermoset Working Stamps in Hot Embossing Lithography," Roose, et. al., Vol 4688, 2002, pg. 232-239.				
•••••		Microelectronic Engineering, "Chemical nano-patterning using hot embossing lithography," H. Schift, et. al., vol. 61-62, 2002, pg. 423-428.				

Examiner Signature	/Saeed Huda/	Date Considered	02/17/2009

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

consovers. Incuse copy or in a form with next communication to appearant. In Applicant's unity extended to elegate the market personal of Applicant's large used that design and the property of the property ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.